Summary Table of 2014 Basewide Annual Monitoring

Operable Unit	Site(s)	Summary	Notes
OU 1	CG 070	TCE groundwater plume	Groundwater samples collected during April and October 2014. Decreasing TCE concentration trends. ROD amendment planned.
OU 3	FT019a	Decreasing TCE concentrations. Groundwater samples collected in October 2014	Following regulatory approval, optimization measures proposed in Supplemental Site Investigation Report and Optimization work Plan for OU 3 Sites FT019a and FT019c.
	FT019c	BTEX not detected. TCE concentrations stable/slightly decreasing.	Following regulatory approval, optimization measures proposed in Supplemental Site Investigation Report and Optimization work Plan for OU 3 Sites FT019a and FT019c.
	ZZ051	SVE. No VOCs detected in groundwater samples collected in April 2014	Removal and monitoring continues with groundwater samples to be collected in April 2015. Implement optimization measures following approval of SSI Work Plan for ZZ051.
	OT069	TCE; cis-1,2-DCE; PCE; 1,1-DCA. COCs decreasing at all subsites except for one.	COC concentrations in groundwater decreasing overall but TCE and cis-1,2-DCE exceeding MCL in several locations. Limited anaerobic reductive dechlorination may be occurring within chlorinated solvent plumes.
	DP003	Burial site; soil cover installed 1996/1997. Annual cover and biological inspections, groundwater sampling every 5 years.	Groundwater samples collected in April and October 2014. TCE exceeds MCL at NZ-84 and NZ-106, but concentration of TCE at NZ-84 has been decreasing since 2011. Groundwater flow direction in this area altered from natural flow direction. TCE not likely from DP003. Background and compliance wells will not be monitored again until 2019.
	DP004	Burial site; soil cover installed 1996/1997. Annual cover and biological inspections, groundwater sampling every 5 years.	Groundwater samples collected in April and October 2014. TCE exceeds MCL at NZ-84, but concentration has been decreasing since 2011. Groundwater flow direction in this area altered from natural flow direction. TCE not likely from DP004. Background and compliance wells will not be monitored again until 2019.
	LF044	Landfill; surface debris removed, institutional controls added. Annual groundwater sampling.	Groundwater samples collected in April and October 2014. TCE exceeding MCL in NZ-80 and below MCL in NZ-112 and NZ-133; considered to be part of OU1 Plume. Nitrate in NZ-80 exceeds MCL and is expected to attenuate naturally over time. TDS concentrations in 2 of 3 wells exceeded MCL. Data will continually to be collected to determine source of TDS.
	LF012	Disposal Area. Soil cover completed in 1997. Annual groundwater sampling.	Groundwater samples collected in April 2014. Slightly elevated but stable TDS concentrations since 2002 likely represent background conditions; no evidence of leakage from LF012. Amendment 04 to LTMMP for OU3 landfills

			prepared, seeking reduction to monitoring once every 5 years. RWQCB disputes the data and interpretation used to establish Amendment. . Discussion still ongoing.
	LF014	Landfill. Soil cover completed in 1997. Annual Groundwater sampling.	Extensive repairs completed in April 2014, documented in Construction Completion Report. TCE detected in NZ-107 considered to be part of the OU1 plume rather than leachate from LF014. TCE, TDS, and nitrate exceed primary MCLs. TCE has been decreasing since April 2012.
	SEDA	Disposal areas; soil cover completed in 1997.	Groundwater monitoring for the SEDA performed once every 5 years. Last groundwater monitoring event in April 2014, next will be in April 2019. Concentrations of COCs have been stable and below their respective MCLs. No suggestion of COCs leaching from landfill at concentrations above respective MCLs.
OU 5	FT082	SVE system restarted in April 2014, had been shut down since February 2011. Groundwater samples collected in October 2014.	Overall decrease in TCE concentrations across the site. Regulatory compliance evaluation cannot be made until OU5 ROD is completed.
	SS083	SVE system restarted in May 2014, had been shut down since February 2011.	Air Force's preferred remedy is documented in OU5 Proposed Plan, and a ROD is being developed for the site. Groundwater monitoring is part of Site OT069.
Non-CERCLA	ST054	No OM&M data collected in 2014; SVE system is shut down pending collection of samples to verify current site conditions.	Groundwater beneath soil is considered to be part of SS030. Activities planned for 2015 include permanent shutdown of the existing SVE system pending regulatory review of Draft Tech Memo for Sites ST054, ST057, and SS084.
	ST057	SVE system remained offline in 2014 pending regulatory review of Draft Tech Memo for Sites ST054, ST057, and SS084. No OM&M data collected in 2014.	Groundwater beneath soil is considered to be part of SS030.
	ST067b	JP-4, BTEX, TPH-d, TPH-g, fuel constituents; SVE system	Number of wells with measurable free-product decreased from 10 in Oct. 2013 to 9 in Oct. 2014. Configuration of benzene plume changed, but estimated total area within 1.0ug/L benzene contour (200 acres) approx. the same as in 2013. Slight northeastward expansion of dissolved-phase plume. For 2015, continue free-product recovery using 6 monitoring wells, continue SVE, and complete expansion of SVE system and being operations to accelerate reduction of free-product mass.
	OTO171	Dieldrin; new wells added to site in 2014	Irrigation from golf course created groundwater mound, influencing groundwater gradients in Upper Aquifer. Potential to redistribute dieldrin away from the mound to north, east, and south. Detected

			concentrations within historic ranges. Overall, plume is stable or decreasing. Continued groundwater monitoring planned for 2015.
	SS084	SVE systems shut down in 2014; groundwater samples collected in October 2014	Benzene plume is stable. MTBE plume is stable and decreasing in downgradient groundwater.
	SS030	Free- and dissolved-phase petroleum products. Groundwater samples collected in October 2014. Skimming operations for removal of free product suspended in 2014 to measure water levels and apparent free-product thickness at equilibrium.	Benzene detected at concentrations exceeding MCL at 6 wells. Plume appears to be stable, with little mobility. Areas with measurable free product in October 2014 similar to areas with measurable free product in October 2013.

SEDA = southeast disposal area
TPH-g = total petroleum hydrocarbons-gasoline
JP-4 = jet propulsion-4
MCL = maximum containment level
MTBE = methyl tertiary butyl ether